



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES



Leaking Underground Storage Tank Cooperative Agreement American Recovery and Reinvestment Act of 2009 Final Report



This underground storage tank
project is funded by:



TRANSFORM MISSOURI
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES





Jeremiah W. (Jay) Nixon, Governor

Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

dnr.mo.gov

April 8, 2011

Mr. Douglas Drouare
U.S. EPA, Region VII
Storage Tanks and Oil Pollution Branch
U.S. Environmental Protection Agency
901 North 5th Street
Kansas City, KS 66101

Dear Mr. Drouare:

Enclosed is the Final Report for the Leaking Underground Storage Tank Cooperative Agreement, American Recovery and Reinvestment Act of 2009 Final Report, as required between the Missouri Department of Natural Resources and the U.S. Environmental Protection Agency (EPA).

The Financial Status Report and drawdown information should be available from EPA's accounting office, as they are submitted under a separate mechanism.

If you have any questions, please contact me or Betty Finders of my staff at the Hazardous Waste Program, P.O. Box 176, Jefferson City, Missouri 65102-0176, or at (573) 526-0971.

Sincerely,

HAZARDOUS WASTE PROGRAM

Original signed by Ken Koon

Ken Koon, Chief
Tanks Section

KK: so

Enclosure

c: Ms. Betty Finders, Tanks Section, Hazardous Waste Program
Ms. Kathy Flippin, Enforcement Section, Hazardous Waste Program
Mr. David J. Lamb, Director, Hazardous Waste Program



Recycled Paper

Table of Contents

Introduction.....	1
Program Administration/Responsible Party Oversight.....	1
Enforcement.....	6
Corrective Action.....	6
Expedited Site Cleanup.....	9
Conclusions.....	10
Site Project Descriptions.....	11
Appendix A – Site Rankings	
Appendix B – ARRA Tracking Spreadsheet	
Appendix C – ARRA Site Map	

**Missouri Department of Natural Resources
Leaking Underground Storage Tank Cooperative Agreement
American Recovery and Reinvestment Act of 2009
Final Report**

Introduction

The Hazardous Waste Program's Tanks Section used monies from the American Recovery and Reinvestment Act (ARRA) to address some of the abandoned underground storage tank sites through the use of private consultants to conduct assessments, site characterizations, and clean up activities. The Tanks Section received approximately \$3.254 million in additional funding through the Leaking Underground Storage Tank (LUST) Fund. This money was used to address sites where the responsible party does not exist and/or is unwilling or was shown to be unable to conduct the clean up. Many of these sites do not have responsible parties (i.e. deceased) or any funding to address the contamination; therefore, this project allowed the state to clean up sites that would have otherwise lie vacant for years.

The following narrative final report discusses activities performed in fulfillment of the Leaking Underground Storage Tank (LUST) Trust Fund Cooperative Agreement obligations as committed to under the American Recovery and Reinvestment Act (ARRA) of 2009. The introduction is organized into sections based on the activities specified in the workplan. The reporting period is from June 16, 2009, through September 30, 2011

Activity

Program Administration/Responsible Party Oversight

The Hazardous Waste Program (HWP) coordinated with the Environmental Protection Agency (EPA) as stipulated in the approved State Program Approval agreement between the Missouri Department of Natural Resources (Department) and the EPA as it relates to the regulation and management of underground storage tanks (UST) during the ARRA project.

The HWP prepared a consolidated budget for the ARRA grant and submitted that budget with the cooperative agreement application and work plan to EPA Region 7.

The Tanks Section remained fully staffed throughout the project period. Project Managers continued to receive training on the Risk Based Corrective Action process and also received training on the monitoring process of state lead projects. Several of the project managers worked overtime in the reporting period to increase the number of cleanups completed.

The Tanks Section ranked all sites using the LUST ranking system in place by the section since the early 2000's. This system ranks sites by environmental concerns, such as drinking water impacts, vapors present in a building, soil and groundwater contamination, etc. At the beginning of the project, during evaluation, the Tanks Section noticed that this scoring system did not score high enough on priority for some of the high priority issues, such as drinking water impacts. The Tanks Section is looking at developing a new ranking system that was weighted higher for these issues and it also took into account some economic issues, such as job creation, redevelopment and reuse of a property, etc. The main goal of the ARRA monies was to create and maintain jobs in the local community; therefore, the Department put emphasis on partnering with the local communities in Missouri and conducted work at priorities for future redevelopment and reuse within these communities as a goal of this project.

The Tanks Section participated on the Underground Storage Tank Association of State Territorial Solid Waste Management Officials (ASTSWMO), ASTSWMO UST Task Force, which allowed the Tanks Section to stay up to date on issues and potential problems encountered by other states in the process.

During the reporting period, the Department put out several news releases, electronic mail documents, participated in several speaking engagements, and had various phone conversations with community leaders, environmental consultants, property owners, and others regarding the ARRA project. These conversations including letting citizens know that the Department had funding to help address actual or perceived contamination at UST sites that were not properly closed or had not yet finished the process of addressing contamination.

Many of these sites did not have responsible parties or any funding to address the contamination; therefore, this project allowed the state to clean up sites that may otherwise lie vacant for years. Several sites addressed were eligible for funding from the Petroleum Storage Tank Insurance Fund (PSTIF); however, these sites did not have a viable responsible party to address the cleanup, including the \$10,000 deductible. The Department conducted investigation and cleanup activities at these sites and then coordinated activities with the PSTIF to take over cleanup at PSTIF eligible sites.

A main component of the American Recovery and Reinvestment Act of 2009 was job creation and/or retention, but to be successful this project required somewhat of an expedited process with quick turnaround. Terms and conditions of the grant called for 35% of the award to be obligated and 15% spent by a given deadline. On top of this, quarterly reporting was required to EPA through two separate mechanisms; 1512 Reporting would cover grant status while LUST4 was created to track actual production outputs and site statuses. It quickly became clear that this project would set a new precedent for reporting and transparency. Reporting on 1512 measures was done at a centralized location in the Department and information was transferred to Transform Missouri and the federal website of Recovery.gov.

In order to track necessary outputs, differentiate the ARRA sites, and adequately report the necessary elements for the required reporting, a few changes to the Tanks Database were made. An entirely new table was created to reflect the LUST4 measures for all ARRA sites. A “master” status spreadsheet was also created to track, the bid process; vendor reporting deadlines; encumbrances and expenditures; and site status. This spreadsheet was constantly updated and reviewed by all staff involved. The Tanks Database was then continuously updated based on this spreadsheet. LUST4 reporting also called for location information for each ARRA site. The majority of the existing sites already had this information but for those that didn’t and for all new ARRA sites, this information was easily attained either from file reviews or onsite inspections. Queries from the database were compared to the master spreadsheet to ensure consistency and then a query was run to reflect the necessary quarterly LUST4 data. This data was then simply input into the LUST4 system accordingly.

A major challenge throughout this new project was attempting to plan and organize resources in such a limited timeframe to accommodate the guidance received. Much coordination was required within the Department to ensure all needs were met. Well aware of all the challenging factors involved, Department management wanted to not only meet the terms, conditions and deadlines, but encouraged staff to go above and beyond. Department management initially

requested twice a week reporting on project status and then changed it to weekly once the project had taken off and reached a considerably productive pace. This pace in turn led to Missouri being the first state to spend the entirety of its allocation and poised the state in a position to take on any additional funding if available.

The Tanks Section has submitted all reports in a timely manner.

Activity

Enforcement

The Department complied with all federal and state policies and guidelines on cost recovery. The Department followed a state Leaking Underground Storage Tank (LUST) Trust Fund Cost Recovery Policy, updated January 9, 2009, to determine if responsible parties exist or are viable for all proposed ARRA sites.

The Department maintains an abandoned sites list, therefore, the responsible party (RP) searches previously conducted had already identified several abandoned sites as needing cleanup when funding was available.

Additional sites thought to fit the ARRA requirements of abandoned were reviewed to determine if an RP existed. The county assessor's office was contacted for the current owner name and address. If the site was known as closed prior to 1989, (according to industry standards at that time), the owner was sent a letter inviting them to participate in the ARRA project. Many times a phone call with the owner determined the facility didn't meet the ARRA abandoned review however; the owners were able to provide documentation verifying an inability to pay for closure or cleanup. In another instance, the Department was unable to pursue cost recovery because the owner had already settled with the Missouri Attorney General's Office, although the need was necessary to protect human health and the environment, however, the RP was determined not pursuable.

In this project, the Department determined that RP's did not exist or were not viable for all of the projects where funding was utilized. If additional information comes to light that indicates a viable RP does exist, then the Department will determine if additional cost recovery activities should be pursued.

Memorandums of the Department's decisions relating to cost recovery are documented in the ARRA file for each site where ARRA funding was utilized.

Activity

Corrective Action

The Hazardous Waste Program's Tanks Section used monies from the American Recovery and Reinvestment Act (ARRA) to address some of the abandoned underground storage tank sites through the use of private consultants to conduct assessments, site characterizations, and clean up activities. The Tanks Section received \$3.254 million in additional funding through the Leaking Underground Storage Tank (LUST) Fund. This money was used to address sites where the responsible party does not exist and/or is unwilling or was shown to be unable to conduct the clean up. Many of these sites do not have responsible parties (ie. deceased) or any funding to address the contamination; therefore, this project allowed the state to clean up sites that would have otherwise lie vacant for years.

The Department conducted site investigation and cleanup activities at several abandoned underground storage tank (UST) sites. The Department sent out a total of 66 projects to consultants on the contract through the ARRA project. The consultants have completed all contracted work at the sites. The Department is currently at 100% obligated and 100% spent. The Project was completed approximately 12 months prior to the grant guideline deadline of September 2011.

Throughout the project, the Department partnered with communities to identify and conduct work at properties where the community had priorities or redevelopment plans for reuse. The Department will continue to correspond and communicate with individuals and communities with respect to redevelopment and reuse opportunities at abandoned underground storage tank sites. Several property owners of abandoned sites have expressed interest in participation for future funding or projects.

The Department throughout the project conducted investigations and source removal projects at several sites. The Department first had to put out a request for proposal (RFP) to include consultants/contractors that could accomplish the tasks. These assessments were done mostly by private consulting firms contracted by the Department; however, several sites were completed by the Department's Environmental Services Program and the Division of Geology and Land Survey. The Tanks Section then reviewed site characterization, source removal, and cleanup reports. To date, a total of seven sites have been issued "No Further Action" letters. It is our hope that more of these sites will be issued "No Further Action" status following additional work to achieve closure. This additional work will be conducted under other federal and state funding during the next few federal fiscal years.

Throughout the project, the Department conducted investigations and source removals at several sites. While this has addressed most soil issues and exposures, groundwater impacts have not been fully evaluated. In order to provide additional information on potential groundwater impacts, the Department requested several evaluations of the groundwater consumption pathway under the Missouri Risk Based Corrective Action Process for Petroleum Tanks. This evaluation provides information for the Department to assess further actions at the site, potentially allowing the Department to close out the site. Additionally, the Department's Environmental Services Program will conduct quarterly groundwater monitoring at some sites to assess plume stability and the Division of Geology and Land Survey will conduct additional investigations to help close out sites.

At all sites, the Department conducted monitoring visits and closure inspections. These visits and inspections consisted of being on-site for the majority of investigation activities, contaminated soils removal and backfilling of the excavation (and associated tank removal), and other associated activities. Monitoring visit and closure inspection reports are located in each individual site file.

Several of the sites addressed with ARRA funds are abandoned properties that are eligible for funding from the Petroleum Storage Tank Insurance Fund (PSTIF). However, these sites may not have a viable responsible party to address the cleanup including the \$10,000 deductible required by state law before state funding could be used. The Department conducted work at these sites and is working with the PSTIF toward satisfying the deductible. Following those activities we

are working on turning the cleanup activities over to current or future land owners who would then coordinate activities and funding with the PSTIF at eligible sites until "No Further Action" is granted by the Department.

The measures listed below only pertain to projects that were "Initiated" or "Completed" with use of ARRA funding, Investigation or Cleanup Activities at "ongoing" remediation sites have already been initiated under the Federal LUST Trust Grant and therefore cannot be counted as initiated in these ARRA specific measures as pursuant with EPA ARRA guidance.

As of September 30, 2010, # of Projects

Direct Investigations Initiated, 32

*Indirect Investigations Initiated, 0

Direct Investigations Completed, 4

Indirect Investigations Completed, 0

Direct Cleanups Initiated, 14

Indirect Cleanups Initiated, 0

Direct Cleanups Completed, 2

Indirect Cleanups Completed, 0

Ongoing Investigations Initiated, 16

Ongoing Cleanups Initiated, 17

*Indirect – means a state or territory used LUST Recovery Act money to pay for the oversight of the site work, but the site work itself was not funded with LUST Recovery Act Funds. The Department conducted only direct work during the ARRA project.

Jobs Created/Retained

The jobs created/retained were collected on a quarterly basis to reflect the work conducted by both Department staff and vendors. These jobs included administrative duties as well as project management and field work. The vendors' work involved site characterization and underground storage tank closure and excavation. This work also included administration, technical assistance, field support, work plans, project management, lab analysis, and heavy equipment operations. Jobs included; Environmental Scientists/ Project Managers, Administrative Assistants, Truck Drivers, and Heavy Equipment Operators.

	2009 Q3	2009 Q4	2010 Q1	2010 Q2	2010 Q3
DNR Jobs Created/Retained	0	0.99	8.05	2.77	0
Vendor Jobs Created/Retained	0	0	14.74	3.61	1.29

*Figures are not cumulative.

Invoicing

Once all work was completed on a project, invoices were received from the consultant within the timeframe specified by the Tanks ARRA Project Coordinator. The invoices were received by the Remediation Unit Chief via email from the consultants and were in PDF format. The Remediation Unit Chief checked the invoice to the bid received for the project. They were then routed to the Tank Fiscal Operations & Data Development (FODD) Unit Chief for processing. During that process the FODD Unit Chief checked to see if the required reporting had been completed by the consultant and then checked with the Tanks Section Remediation Unit Project

Manager to see if all work had been completed and invoiced. The invoicing was then sent through the Hazardous Waste Program's Budget and Planning Section for processing and payment.

Activity

Expedite Site Cleanup

The Department utilized ARRA funds to work with communities to provide assessments and cleanup including potential tank closure of abandoned gasoline stations with petroleum contamination. This was done by utilizing contractors to conduct Phase I and Phase II assessments, site characterizations, remediation and some tank closures, if applicable. In some cases the assessment or closure provided the data needed to issue "No Further Action" decisions for the site. In other cases, additional investigation, risk management, or cleanup will need to be accomplished for the site to be reused or redeveloped. Reviews of interim measures, such as a site characterization report were expedited for review so that the next phase of the project could be conducted.

The Department utilized a ranking system for determining the environmental factors at a site, such as drinking water impacts; vapors in a building, groundwater contamination; free product encountered; soil contamination; etc. This ranking was one factor in the development of a site list for ARRA work. The other factors were EPA goals of shovel ready sites or soil only sites and addressing abandoned sites where there was no responsible party. However, as described above, the Department also tried to account for the communities economic and redevelopment concerns to help drive which sites were chosen. In many cases, the city, county, or community brought release sites or former gas stations to our attention where they already had plans for reuse of the property.

Conclusions:

The ARRA project allowed the state to partner with Missouri communities and property owners to help identify these abandoned gas station sites for investigation and cleanup activities. When selecting sites to benefit from the Recovery Act funds, the Department also took into consideration the planned or potential future use for abandoned underground storage tank sites. The Department clearly demonstrated that it can conduct Underground Storage Tank investigations and cleanups at abandoned gas stations quickly and effectively.

Abandoned underground storage tanks pose environmental threats and economic development barriers for the redevelopment and reuse of properties. Because of real or perceived contamination at these sites, developers, banks and other lending institutions are hesitant or unwilling to invest in the property. The ARRA project helped to remove those barriers, at a number of contaminated sites. This project was a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing and creating new businesses, and clearing the way for communities to redevelop and reuse these properties in a productive manner.

Assessing and cleaning up the sites not only provided economic stimulus to the consultants and subcontractors doing the physical tank work, but will have farther reaching and sustainable positive economic impacts. Future redevelopment of the sites can spur the creation of jobs, expand existing businesses, create new businesses and clear the way for communities to redevelop and reuse these properties.

Even though the Department received \$3.254 million and conducted work during the ARRA project, there continues to be downtown corners across Missouri where vacant buildings are unoccupied because of what is usually buried a few feet below ground: abandoned underground petroleum storage tanks. Before many of these properties may become occupied again, they need to be assessed to determine the proper cleanup action. Many of these sites do not have responsible parties or any funding to address the contamination and can lay vacant for many years.

American Recovery and Reinvestment Act
Underground Storage Tank Project

ST1145, R8456
102 W Main
Park Hills, MO
Group 49

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department was contacted by a previous renter of the property after learning about the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites.

The Department contacted the last owner of the property with a February 16, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department also got an approval from the current owners. The project was considered for ARRA because of the owner's interest in redevelopment and reuse of the project.

On March 24, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that further groundwater investigation and monitoring are required. Additional soil delineation is also recommended.

Media Issues:
Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to review the site. When additional funding becomes available, the Department recommends the need including performing risk assessment activities and source removal of contaminated soils and the underground storage tanks, if necessary.

Redevelopment:

The facility is an auto repair shop. No known plans of redevelopment have been presented.

Total Recovery Act Investment: \$ 12,193.11





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5015261, R8311
1425 Sarah Drive
St. Louis, MO
Group 8 and 32

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

A letter was sent to the Land Reutilization Authority (LRA) to notify them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The project was considered for ARRA because of the LRA and the owner's interest in redevelopment and reuse of the project.

On February 5, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to an environmental consulting firm in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed. A representative of the Department's Tanks Section was present March 6, 8 - 9, 2010, in order to provide guidance and oversight to source removal activities.

Approximately 1,343 tons of contaminated soil was hauled to an approved landfill facility. Final sampling occurred before the tank pit was filled with clean materials.

Source Material and Tank Removal:
Approximately 1,343 tons of contaminated soil was disposed.

Tank 1 6,000-gallon tank
Tank 2 6,000-gallon tank
Tank 3 500-gallon tank
Tank 4 35-gallon tank

Product Removal:
738 gallons of waste water to the MSD

Media Issues:
Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to determine that additional groundwater monitoring and preparation of a risk assessment are needed.

Redevelopment:
Redevelopment of the property has been stated that a local chapter of the Prince Hall Masons is planning to redevelop a lodge building on the property.

MO PSTIF Eligibility: This site is eligible for PSTIF and the deductible has been met.

Total Recovery Act Investment: \$ 118,152.75





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST21768, R8450
2154 Harris Avenue
St. Louis, MO
Group 52

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

On February 18, 2010 the Department contacted the current owner of the property regarding the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The property is considered abandoned and no responsible party existed.

On April 5, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to an environmental consulting firm in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities are needed.

Source Material and Tank Removal:
Not applicable at this time

The ARRA associated activities conducted at the site to-date have enabled the Department to determine that contamination exists at the site. When additional funding

becomes available, the Department suggests source removal and additional investigation associated with the petroleum release.

A quarterly sampling event was conducted on September 15, 2010 by the Environmental Services Program. The results verify that contamination exists above the residential levels.

Total Recovery Act Investment: \$ 8,995.16



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST21014, R7420
Abandoned, 2849 Goodfellow
St. Louis, MO
Group 2 and 29

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner and LRA of the property with a August 19, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The current owners and LRA have potential redevelopment plans for this site. Neither party is considered a responsible party for the release.

On January 27, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed. Representatives of the Department's Tanks Section were present March 4, 2010, in order to provide guidance and oversight to Midwest Environmental Consultants as contamination source removal activities were underway.

Source Material and Tank Removal:
Approximately 797 tons of contaminated soil was disposed.
Tanks 1 and 2, 560-gallon tanks

Product Removal:
397 gallons of wastewater

Media Issues:
Soil and groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to remove much of the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends further cleanup activities because a review of the analytical results shows contamination above default target levels.

Redevelopment:
This and other nearby parcels are being considered by the LRA for unified development.

MO PSTIF Eligibility: This site is not eligible for PSTIF.

Total Recovery Act Investment: \$ 63,743.77



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST21770, R8457
3002 N Florissant
St. Louis, MO
Group 53

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 18, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The project was considered for ARRA because of the owner's interest in redevelopment and reuse of the project.

On April 6, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site.

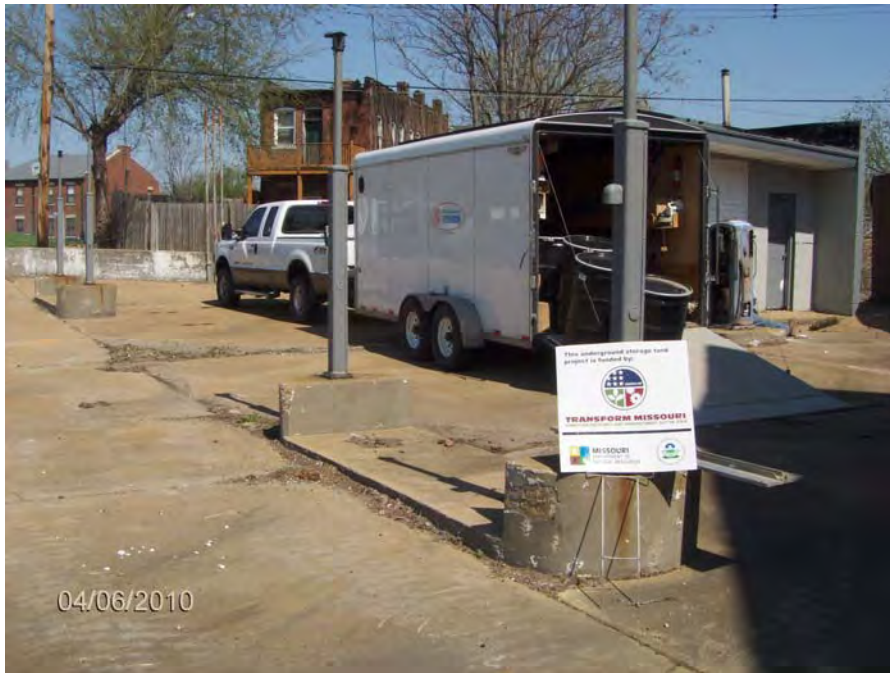
Source Material and Tank Removal:
Not applicable

Media Issues:
Ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to investigate the site. When additional funding becomes available, the Department recommends source removal and a groundwater investigation.

Redevelopment: No redevelopment is known at this time.

Total Recovery Act Investment: \$ 10,924.99





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST21713, R8310
3400 N Florissant
St. Louis, MO
Group 1 and 26

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner and LRA of the property with an August 21, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The current owners and LRA is not considered a responsible party for the release.

On January 19, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed. Representatives of the Department's Tanks Section were present March 18, 2010, in order to provide guidance and oversight to Midwest Environmental Consultants as contamination source removal activities were underway.

Source Material and Tank Removal:

No contaminated soil was disposed.

Tank 1, 2,000-gallon tank

Tank 2, 1,000-gallon tank

Tank 3, 1,000-gallon tank

Product Removal:

9.91 Tons of pea gravel special waste (inert tank fill)

Media Issues:

Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to remove some of the contamination. When additional funding becomes available, the Department recommends the need including a site characterization and risk assessment.

MO PSTIF Eligibility: This site is not eligible for PSTIF.

Total Recovery Act Investment: \$ 18,252.60



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST21772, R8475
3955 Magnolia Dr
St. Louis, MO
Group 61

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department was contacted by a citizen wanting to purchase the property after learning about the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department sent the purchaser a letter on March 9, 2010 with an invitation to the ARRA project. The project was considered for ARRA because of the owner's interest in redevelopment and reuse of the project.

On June 28, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site.

Source Material and Tank Removal:
Not applicable

Media Issues:
Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to determine contamination is present at the site. When additional funding becomes available, the Department recommends removing the contaminated soils and tank(s), if necessary, and to perform risk assessment activities.

Redevelopment: The property is being used as an urban garden. The remaining contamination does not affect the current use.

MO PSTIF Eligibility: This site is not eligible for PSTIF.

Total Recovery Act Investment: \$ 5,336.93





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST21712, R8309
3969 Shaw
St. Louis, MO
Group 9

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a August 19, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites.

Representatives of the Department's Tanks Section were present March 31, 2010 and April 5, 2010, in order to provide guidance and oversight to SCI Engineering as contamination source removal activities were underway. A 1,000-gallon tank was discovered during excavation.

Source Material and Tank Removal:
Approximately 800 tons of contaminated soil was disposed.
One, 1,000-gallon tank

Product Removal:

Media Issues:

Soil

The ARRA associated activities conducted at the site to-date have enabled the Department to remove much of the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends the need to delineate the remaining soil contamination and perform risk assessment activities.

Redevelopment:

The St. Margaret of Scotland School is redeveloping the site as a school garden. The gas station was demolished. The remaining contamination does not affect the current use.

Total Recovery Act Investment: \$ 37,932.07







American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5018164, R8304
4067 Delmar
St. Louis, MO
Group 8

Formatted: Centered

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The St. Louis Development Corporation (SLDC) previously conducted a Phase I Environmental site assessment at the site that identified the former use of three UST's at this facility. The SLDC met with Department officials and requested this site receive additional investigation and cleanup as an abandoned gas station under the ARRA UST Project.

On January 29, 2010, SCI Engineering Inc., under the supervision of the Missouri Department of Natural Resources', began investigation work at the former UST site at 4067 Delmar, St. Louis, MO. The investigation work consisted of a ground penetrating radar/metal detector survey, the advancement of several soils borings, soil and groundwater sampling, and laboratory analysis.

Source Material and Tank Removal:

No contaminated soil existed according to the analysis
No Tanks removed

Product Removal:

Not applicable

Media Issues:
None

The former USTs were not found however, the analytical data collected indicated that soil and groundwater petroleum contamination does not pose an unacceptable risk to human health and the environment and is available for residential or non-residential use. The Department issued a no further remedial action letter for this project on April 7, 2010.

Sites like this one can sit vacant for years due to the perception of contamination from the former gasoline station. This project removed that perception and determined that the property is clean. Since no contamination was discovered at this site, the City of St. Louis is exploring a residential redevelopment. Most of the surrounding properties are residential.

Total Recovery Act Investment: \$6,256.17





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST21013/R7419
4415 Morganford
St. Louis, MO
Group 6 & 50

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a August 19, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The LRA is not considered a responsible party for the petroleum release.

This property was considered for the ARRA project because of the owner's interest in redevelopment and reuse of the project.

On February 2, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Aquaterra in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed. Representatives of the Department's Tanks Section were present April 1, 2010, in order to provide guidance and oversight to SCI Engineering as contamination source removal activities were underway.

Source Material and Tank Removal:
Approximately 272 tons of contaminated soil was disposed.

Tanks were removed in 2002 along with impacted soils

Product Removal:
Not applicable.

Media Issues:
Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the source of contamination. When additional funding becomes available, the Department recommends further characterization and risk assessment.

Redevelopment:
The abandoned, tax reverted property will be marketed for commercial redevelopment.

MO PSTIF Eligibility: This site is not eligible for PSTIF.

Total Recovery Act Investment: \$ 31,257.47







American Recovery and Reinvestment Act
Underground Storage Tank Project

ST9714, R8313
5200 W Florissant
St. Louis, MO
Group 1 and 26

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department was contacted by the St. Louis Land Reutilization Authority after learning about the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The LRA is not considered a responsible party for the petroleum release.

On January 19-21, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to an environmental consulting firm in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed.

Representatives of the Department's Tanks Section were present March 16-18, 2010, in order to provide guidance and oversight to Midwest Environmental Consultants as contamination source removal activities were underway. Two known USTs and a third unknown UST was found in the main pit and removed. Two used oil USTs were found behind the building and removed. Over excavation was conducted to approximately 12 foot in the pit and six foot at the dispensers and lines with considerable contamination remaining.

Source Material and Tank Removal:

Approximately 1626 tons of contaminated soils, was disposed.

Tank 1 4,000-gallon tank

Tank 2 4,500-gallon tank

Unknown 6,000-gallon tank

Unknown 560-gallon tank

Unknown 560-gallon tank

Product Removal:

110 gallons of hazardous waste was disposed.

8,000 gallons of waste water was disposed of through the POTW

Media Issues:

Groundwater

Soil

The report conclusion states that a majority of the soil samples collected indicate contamination exceeds MDNR default target levels. A site investigation and risk assessment are recommended to adequately evaluate the vertical and horizontal impact, as well as an evaluation of potential exposure pathways and associated risks.

The ARRA associated activities conducted at the site to-date have enabled the Department to remove most of the contamination. When additional funding becomes available, the Department recommends further site characterization work and risk assessment activities.

Redevelopment:

Redevelopment of this abandoned, tax reverted former gas station site is being envisioned as a Community Development Corporation headquarters site. The city recently removed the dilapidated structure from the site.

MO PSTIF Eligibility: This site is eligible for PSTIF, and the deductible has been met.

Total Recovery Act Investment: \$ 135,845.09





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST21757, R8428
7842 North Broadway
St. Louis, MO
Group 11 & 63

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department was contacted by the St. Louis Land Reutilization Authority (LRA) after learning about the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. A Phase II had already been conducted by St. Louis LRA at the adjoining property, which led to a discovery of the release. The current property owners are not considered a responsible party for the release.

Representatives of the Department's Tanks Section were present February 18-19, 2010, in order to provide guidance and oversight to SCI Engineering as contamination source removal activities were underway. SCI removed two tanks and found a separate fill port in front of the building. The Department's staff was on site April 23-24, 2010 in order to provide oversight to Terracon Consultants in the advancement of soil borings, recovery wells and soil vapor wells. The collected environmental data was needed to characterize contamination from off-site. On August 4, 2010, SCI Engineering returned to the site for the in-place closure of the two tanks in front/under the building.

Source Material and Tank Removal:

Approximately 503 tons of contaminated soil was disposed.

Tank 1, 4,000-gallon tank

Tank 2, 2,000-gallon tank

Product Removal:

6,000 gallons of waste water

110 gallons of hazardous waste

Media Issues:

Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to remove most of the contamination. When additional funding becomes available, the Department recommends the need to delineate the groundwater contamination, as well as perform risk assessment activities.

Redevelopment:

Cleanup of this site will leverage redevelopment of the adjoining Baden Apartments site into traditional housing for homeless persons by Peter and Paul Community Services.

Total Recovery Act Investment: \$ 141,945.21





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST9453
8344 Watson Rd
Marlboro, MO
Group 33

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a January 25, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had a House Bill 251 form, but little information on the number and size of tanks. The current property owners are not considered a responsible party for the release.

On March 5, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants Inc in their endeavor to collect subsurface environmental information at the site.

Based upon the findings of the environmental investigation of the property the Department recommended a soil type determination and at least one year of quarterly groundwater monitoring be conducted.

Source Material and Tank Removal:

No soil was disposed.
No tank removal

Product Removal:
Not applicable

Media Issues:
Soil and groundwater

When additional funding becomes available, the Department recommends source removal and risk assessment.

Redevelopment:
The property is already developed.

MO PSTIF Eligibility: This site is eligible for PSTIF, however, the deductible has only been partially met.

Total Recovery Act Investment: \$ 11,455.70





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST13957, R8322
AAA Refrigeration & Air Conditioning Inc
Joplin, MO
Group 27 & 43

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a January 27, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The current property owners are not considered a responsible party for the release.

On February 20, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Aquaterra in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed.

Aquaterra performed contamination source removal activities between March 30 and April 8, 2010. The three, 3,000-gallon closed in place USTs were removed. An additional four USTs were found and also removed.

Source Material and Tank Removal:
Approximately 258 tons of contaminated soil was disposed.

7 previously closed in place tanks, only 3 were registered
Tank 1 3,000-gallon tank
Tank 2 3,000-gallon tank
Tank 3 3,000-gallon tank
Tanks 4-7 Unknown

Product Removal:
16 Tons of non-hazardous landfill (gravel from inside tanks)
8,713 gallons of waste water

Media Issues:
Soil and groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to remove most of the contamination. When additional funding becomes available, the Department recommends the need to delineate the groundwater contamination and risk assessment activities. Additional source removal may be necessary if the current buildings are removed.

Redevelopment:
The site is currently being used by AAA Refrigeration and Air Conditioning Inc., for the repair of related equipment. The Department is not aware of any plans to change the use of the property in the future.

MO PSTIF Eligibility: This site is eligible for PSTIF and the deductible has been met.

Total Recovery Act Investment: \$ 54,432.07



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST21244, R7765
Abandoned Kingdom City
Kingdom City, MO
Group 14

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a August 31, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information that petroleum odors were discovered in 2004 at a historical station. The operators are deceased and the current property owners are not considered a responsible party for the release.

On February 5 and 12, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Only lead in groundwater was detected above the default target levels.

Source Material and Tank Removal:
Not applicable

Media Issues:

Groundwater.

The ARRA associated activities conducted at the site to-date have enabled the Department to investigate the site. When additional funding becomes available the Department recommends a domestic use of groundwater pathway evaluation.

Redevelopment: The site will remain residential.

MO PSTIF Eligibility: This site is not eligible for PSTIF.

Total Recovery Act Investment: \$ 6,168.08



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST21771, R8473
Abandoned Purcell
Purcell, MO
Group 62

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a March 5, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had received information indicating that redevelopment of the property was being considered and that an out of use domestic well may have been impacted by a petroleum based release at the subject site, the current property owners are not considered a responsible party for the release.

On April 13, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that concentrations of contamination above default target levels did not exist in the well water, but the ground water contained naphthalene.

Source Material and Tank Removal:

Not applicable

Media Issues:
Groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to determine that the tanks could be closed in place, as is without further testing. The Department recommends conducting additional groundwater monitoring at the site and in-place closure or removal of the underground storage tanks to abate settling risks.

Redevelopment:

Discussions were to remove the current structure and make way for a roadside café.

MO PSTIF Eligibility: The eligibility for PSTIF has not been determined yet.

Total Recovery Act Investment: \$ 7,140.75





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5808, R8448
Abernathy Automotive
Lamar, MO
Group 41 & 65

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 19, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information, documenting an inability to pay for the UST investigation and cleanup.

On March 16, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination did not exist and that the four tanks could be closed without further sampling.

Representatives of the Department's Tanks Section were present August 2, 2010, in order to provide guidance and oversight to SCI Engineering as the tanks were permanently closed in-place.

Source Material and Tank Removal:
Not applicable

Product Removal:
8,850 gallons of waste water
110 pounds of hazardous waste

Media Issues:
None exist

The ARRA associated activities conducted at the site to-date have enabled the Department to determine that petroleum based contamination does not pose an unacceptable risk to human health or the environment. A No Further Remedial Action Letter was issued November 12, 2010.

Redevelopment:
The site is currently in use as an automotive repair shop. The Department is not aware of any plans for redevelopment of the property.

MO PSTIF Eligibility: This site is not eligible for PSTIF.

Total Recovery Act Investment: \$ 25,403.97



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST950, R1364
Aero Body and Truck Equipment
Joplin, MO
Group 18

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a November 9, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites.

The underground petroleum storage tanks were removed from the site in 1989 and 1994. Subsequently, the Department requested a corrective action plan, but no acceptable response was received. The Department received information that the tank owner/operator had ceased operations and had filed for Chapter 11 Bankruptcy in December 18, 2001. No viable responsible party exists.

On March 8-9, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to AquaTerra as contamination source removal activities were underway.

Source Material and Tank Removal:

Approximately 65 tons of contaminated soil was disposed.
No Tank removal

Product Removal:
Not applicable

Media Issues:
Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to remove most of the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends further site characterization and risk assessment at the subject site before issuing a NOFA.

Redevelopment:
Site is currently being used by Wiese USA (a forklift and materials handling equipment service provider). The Department is unaware of any plans for redevelopment of the property.

Total Recovery Act Investment: \$ 15,591.77



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST11291, R8432
Albert Cook Garage
Oran, MO
Group 20 & 36

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

On December 31, 2009 the Department contacted the current owner of the property regarding the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The current property owners are not considered a responsible party for the release. The project was considered for ARRA because of the owner's interest in future redevelopment and reuse of the project.

On February 15, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to an environmental consulting firm in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed.

Representatives of the Department's Tanks Section were present March 11-12, 2010, in order to provide guidance and oversight to an environmental consulting firm as contamination source removal activities were underway. As part of the source removal,

two 550-gallon UST's were removed and approximately 62 tons of contaminated soil was hauled to an approved land farm facility for remediation. Final sampling occurred before the tank pit was filled with clean materials.

Source Material and Tank Removal:

Approximately 62 tons of contaminated soil was disposed.

Tanks 1 & 2, 550-gallon tanks

Product Removal:

Not applicable

Media Issues:

None

The ARRA associated activities conducted at the site to-date have enabled the Department to determine that there is no unacceptable risk to human health or the environment. A No Further Remedial Action Letter was issued to the site on August 6, 2010.

The ARRA funding allowed the facility to be used safely for temporary housing as well as a storage facility.

Total Recovery Act Investment: \$22,487.18



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5017204,R8430
Vacant Baber Service
Camden Point, MO
Group 21 & 55

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

On November 24, 2009 the Department sent a letter to the current owner of the property regarding the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites.

The facility was an applicable site because and the previous owner and only operator is deceased, therefore leaving no responsible party

On February 19 and February 23, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Aquaterra in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property, the Department determined that contamination source removal activities were needed.

Between July 12-14, 2010, Department staff was present in order to provide guidance and oversight to SCS Engineers for contamination source removal activities. Two USTs were encountered and removed.

Over-excavation of soil in the vicinity of the former USTs was conducted to depth approximately 17 feet below grade. The analytical results indicate the presence of contaminated groundwater at concentrations that are above the Department's RBTLs. Recommended action for this site includes additional site characterization and risk assessment.

Source Material and Tank Removal:

Approximately 350 tons of contaminated soil was disposed.

Tank 1 & 2, 575-gallon tanks each

Product Removal:

1,000 gallons of waste water

10 gallons of hazardous waste sludge

Media Issues:

Soil and groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to remove most of the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends the need for additional site characterization and risk assessment.

Redevelopment:

Redevelopment may be possible in the future.

Total Recovery Act Investment: \$ 104,958.44



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST877, R7787
Barton Service
Desloge, MO
Group 4

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a November 10, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information, documenting an inability to pay for the UST investigation and cleanup.

Between February 2 and February 4, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to an environmental consulting firm in their endeavor to conduct UST closure and contamination source removal activities. Three UST's were removed, including the associated piping. Forty-eight truckloads of contaminated soil were removed from the site, approximately 672 tons.

Source Material and Tank Removal:

Tank 1 2,000-gallon tank
Tank 2 4,000-gallon tank
Tank 3 6,000-gallon tank

Approximately 450 tons of contaminated soil was disposed.

Product Removal:

1,800 gallons of waste water was disposed of through the POTW

110 gallons of hazardous waste was disposed

Media Issues:

Groundwater and soil

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the contamination that posed an unacceptable risk to human health or the environment. A review of the closure report determined that analytical results showed contamination for benzene, lead and total petroleum hydrocarbon gasoline range organics above the Department's risk based target levels. When additional funding becomes available, the Department recommends the need to determine the groundwater pathway and possibly delineate the groundwater pathway, a soil investigation and perform risk assessment activities.

The facility is an automotive garage and that use will reportedly continue into the foreseeable future.

Total Recovery Act Investment: \$ 100,549.12





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5020133, R7416
Bejuski Property
Racine, MO
Group - ESP

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a August 21, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The current owners were not determined to be a responsible party for the petroleum release. The site was considered for the project due to the owners interest in possible redevelopment of the property.

On March 8, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to the Environmental Services Program in their endeavor to collect subsurface environmental information at the site.

Source Material and Tank Removal:
Not applicable

Product Removal:
Not applicable

Media Issues:
Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to investigate the site. When additional funding becomes available, the Department recommends the need for additional site characterization and risk assessment.

Redevelopment:
Potential future Redevelopment is possible.

Total Recovery Act Investment: \$ 7,726.93

American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5572, R7281
Bob's Auto Sales
St. Louis, MO
Group 38

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 12, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information, documenting that the current owner was not the owner/operator of the abandoned tanks and therefore is not considered a viable responsible party associated with the petroleum release.

On March 10, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site.

Media Issues:
none

The ARRA associated activities conducted at the site to-date enabled the Department to recommend the completion of a risk assessment.

A risk assessment was submitted by Landmark Environmental. In response to the risk assessment the Department was able to issue a No Further Action Letter on January 26, 2011.

Redevelopment:

Facility is currently a detailing business. It is unknown if there will be a change.

Total Recovery Act Investment: \$ 6,119





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST8619, R8319
C&D Services
Valley Park, MO
Group 5 & 30

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a August 21, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The current owner of the property had not operated the tanks, which were out of use prior to regulations and is therefore not considered a viable responsible party. The site was considered for the ARRA project due to the current property owner's interest in future redevelopment of the site.

On February 1, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to SCI Engineering in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed. Representatives of the Department's Tanks Section were present March 3-5 and March 8, 2010, in order to provide guidance and oversight to another environmental consulting firm as contamination source removal activities were underway.

Source Material and Tank Removal:
Approximately 812 tons of contaminated soil was disposed.

Tank 3, 4,000-gallon tank
Tank 4, 4,000-gallon tank
Tank 5, 6,000-gallon tank

Product Removal:
286 gallons of waste water (Illini Environmental)
110 gallons of hazardous waste

Media Issues:

The ARRA associated activities conducted at the site to-date have enabled the Department to remove most of the source of contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends further. Based on the volume of soil excavated at the site; the fact that soil confirmation samples showed petroleum concentrations exceeding DTLs; and physical restrictions to additional excavation, it is recommended that additional site characterization and risk assessment be conducted when funding becomes available.

Redevelopment:
The site is currently in use as an automobile repair shop, the property may be redeveloped in the future.

MO PSTIF Eligibility: This site is not eligible for PSTIF.

Total Recovery Act Investment: \$ 61,168.21



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST10619, R7041
Clark Oil Store #1888
St. Louis, MO
Group 6 & 31

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a November 10, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information, documenting an inability to pay for the UST investigation and cleanup.

On February 3, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Aquaterra in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed. Representatives of the Department's Tanks Section were present March 10-12, 2010, in order to provide guidance and oversight Midwest Environmental Consultants as contamination source removal activities were underway.

Source Material and Tank Removal:

Approximately 3,278 tons of contaminated soil was disposed.

Tanks 1-3, 7,500-gallon tanks

Product Removal:

3,988 gallons of wastewater

Media Issues:

Ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the source of contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends the need for additional site characterization and risk assessment.

Redevelopment:

This abandoned, tax reverted property will be marketed for commercial redevelopment.

MO PSTIF Eligibility: This site is not eligible for PSTIF.

Total Recovery Act Investment: \$ 235,234.54





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST10628, R8449
Clark Service Station 0698
St. Louis, MO
Group 42

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 18, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information that the last owner/operator, Clark Oil was bankrupt. The current owner is not considered a viable responsible party associated with the petroleum based release.

On March 18-19, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property it appears that source removal and preparation of a risk assessment are needed.

Media Issues:
Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to investigate the USTs at this property.

Redevelopment:

The site is currently vacant. Future redevelopment of the property is a possibility.

Total Recovery Act Investment: \$ 13,896.24





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5015345, R8459
Vacant Property
Slater, MO
Group 51

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 17, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The City of Slater had recommended the site for the ARRA project, and had expressed an interest in redevelopment of the property. The Department does not consider the current property owner to be a viable responsible party associated with the petroleum based release.

On March 22-23, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department recommends the need for additional site characterization and risk assessment.

Source Material and Tank Removal:
Not applicable

Media Issues:
Ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to conduct site characterization at the site. When additional funding becomes available, the Department recommends the need for additional site characterization and risk assessment.

Redevelopment:
This city is considering redevelopment of the site.

Total Recovery Act Investment: \$17,137.12





Pictures from Terracon Phase II Review

American Recovery and Reinvestment Act
Underground Storage Tank Project

ST4688, R6815
Creek Side
Noel, MO
Group 17

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with an August 28, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. In 2000, groundwater contamination was identified in a nearby drinking water well. A contamination source investigation was conducted by the Department in 2001, a responsible party was not identified. This site was considered for the ARRA project because of the property owners interest in possible future redevelopment of the property.

On February 22, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to SCS Engineers in their endeavor to provide a subsurface investigation and contamination source removal activities. A 550-gallon UST was removed. Soil contamination remaining at the site after the contamination source removal activities do not indicate the presence of soil contamination at levels that exceed non-residential land use target levels.

Source Material and Tank Removal:

No contaminated soil was disposed.
Tank 1 550-gallon tank

Product Removal:
Not applicable

Media Issues:
Soil and groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to remove most of the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends additional site characterization and risk assessment.

Redevelopment:
Site is currently being used as a restaurant. The Department is unaware of any plans for redevelopment of the property.

Total Recovery Act Investment: \$ 14,512.34





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5709, R8416
Denton SS, Inc.
Florissant, MO
Group 34

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 4, 2010 phone call, inquiring about this site informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. After the conversation, the Department received documentation to verify that no viable responsible party existed.

On March 2, 2010, staff representing the Department's Tanks Section was present in order to provide guidance and oversight to Terracon Consultants Inc in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property, the Department determined that data gaps needed to be addressed and that a risk assessment should be conducted.

Source Material and Tank Removal:
Not applicable. The tanks were already removed.

Product Removal:

Not applicable

Media Issues:
Soil and groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to conduct site characterization at the subject site; it is now eligible to receive benefits from the Petroleum Storage Tank Insurance Fund. Subsequent to the ARRA project at the site, additional site characterization and risk evaluation has been conducted.

Redevelopment:

An existing full service garage building exists on the property but has been closed for some time. The current owner intends to sell the property.

MO PSTIF Eligibility: This site is eligible for PSTIF and the deductible has partially been met.

Total Recovery Act Investment: \$ 11,483.69



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5227, R8451
Dishman's Texaco
Rolla, MO
Group 10 & 46

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a August 29, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information, documenting an inability to pay for the UST investigation and cleanup.

On February 10, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed. Representatives of the Department's Tanks Section were present between March 22 and March 30, 2010, in order to provide guidance and oversight to Professional Environmental Engineers as contamination source removal activities were underway.

Source Material and Tank Removal:

Approximately (298 cu yds)_____ tons of contaminated soil was disposed.

Tank 1, 8,000-gallon tank

Tank 2, 6,000-gallon tank

Tank 3, 4,000-gallon tank

Tank 4, 560-gallon tank

Product Removal:

4,150 gallons of wastewater

330 gallons of hazardous waste

Media Issues:

Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to remove most of the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends the need for additional site characterization and risk assessment activities at the site.

Redevelopment:

The site is currently being used as an office and vehicle storage lot for a towing company. The property may be redeveloped in the future.

Total Recovery Act Investment: \$105,091.75

American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5017091, R8455
Exclusive Car Beauty
St. Louis, MO
Group 48

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

On February 18, 2010 the Department, after receiving information indicating that the current property owner should not be considered a viable responsible party associated with the petroleum based release, contacted the current owner of the property regarding the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites.

On April 1, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to an environmental consulting firm in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities are needed.

Source Material and Tank Removal:
Not applicable

The ARRA associated activities conducted at the site to-date have enabled the Department to initiate site characterization of the site. When additional funding

becomes available, the Department recommends the need for additional site characterization, possible contamination source removal, and risk assessment at the site.

Total Recovery Act Investment: \$ 12,318.64





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST21587, R8447
Former Erving Blue Station
St. Louis, MO
Group 39

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 16, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The site was considered for the ARRA project because of the current property owner's interest in redevelopment of the property. The Department does not consider the current owner to be a viable responsible party associated with the petroleum release.

On March 11, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site.

Source Material and Tank Removal:
Not applicable

Media Issues:

Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to initiate site characterization activities at the site. When additional funding becomes available, the Department recommends the need for additional site characterization, contamination source removal, and risk assessment at the site.

Redevelopment: Redevelopment is likely in the future.

Total Recovery Act Investment: \$5,135.00





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST12618, R8177
Former High Ridge Service
High Ridge, MO
Group 47

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 16, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had documented that the owner/operator was deceased and the tanks were closed prior to purchase by the current owner.

On March 30, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that concentrations are greater than the default target levels in the soil and groundwater. The domestic use pathway is considered complete.

Source Material and Tank Removal:
Not applicable

Media Issues:
Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to initiate site characterization at the subject site. When additional funding becomes available, the Department recommends the need for additional site characterization, contamination source removal, and risk assessment.

Redevelopment:

The site is currently being used by an irrigation company to store water in ASTs. The Department is unaware of any plans for redevelopment of the property.

MO PSTIF Eligibility: This site is eligible for PSTIF, however, the deductible has not been met.

Total Recovery Act Investment: \$ 10,732.93





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST4605, R7795
Former Neosho Gas & Groceries
Neosho, MO
Group 19

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a November 16, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The facility is currently owned by Southwest Missouri Bank which is not considered a responsible party. The responsible party filed for bankruptcy in 2005.

Representatives of the Department's Tanks Section were present March 21-24, 2010 in order to provide guidance and oversight to Midwest Environmental Consultants as contamination source removal activities were underway.

Source Material and Tank Removal:
Approximately 487 tons of contaminated soil was disposed.
Tanks 1-4, each 10,000-gallon tanks

Product Removal:
220 gallons of special waste to landfill

Media Issues:
Soil and groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to remove most of the contamination that posed an unacceptable risk to human health or the environment. Additional activities needed at the site include further site characterization and risk assessment. Currently the facility is receiving benefits from the Missouri Petroleum Storage Tank Insurance Fund and the needed activities are on-going.

Redevelopment:
Currently the site is vacant and is owned by a bank. Future redevelopment of the property is likely.

Total Recovery Act Investment: \$82,329.34





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5016849 R8353
Former Skip's Service Center & Auto
St. Louis, MO
Group 2 and 29

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department was contacted by the current owner of the property after learning about the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The site was considered for the ARRA project due to the current owner's interest in redevelopment of the property. The current owner is not considered a responsible party associated with the petroleum release.

On January 26 and 27, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed. Representatives of the Department's Tanks Section were present On March 1, 2010 through March 3, 2010, in order to provide guidance and oversight to Midwest Environmental Consultants as contamination source removal activities were underway.

Source Material and Tank Removal:
Approximately 1,315 tons of contaminated soil was disposed.

Tank 1 6,000-gallon tank
Tank 2 4,000-gallon tank
Tank 3 500-gallon tank
Tank 4 500-gallon tank

Product Removal:

10,877 gallons of waste water was disposed
0 gallons of hazardous waste

Media Issues: No media issues remain.

The ARRA funds were utilized at the subject site in order to conduct subsurface investigation and contamination source removal activities at the site. Evaluations based upon the information gained from those activities have enabled the Department to determine that petroleum based contamination does not pose an unacceptable risk to human health or the environment. On May 6, 2010 the Department provided a No Further Action Letter to the site. Redevelopment of the property, reportedly into a car washing facility, should begin soon.

Redevelopment:

Plans are for a car wash and convenience store.

MO PSTIF Eligibility: This site is eligible for PSTIF, however a No Further Action letter has been provided.

Total Recovery Act Investment: \$ 126,645.12



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST4895,R8451
Former O & F Service
Pacific, MO
Group 44

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 16, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information, documenting an inability to pay for the UST investigation and cleanup.

On March 29, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that additional site characterization and risk assessment are warranted.

Media Issues:
Soil and groundwater

The ARRA associated activities conducted at the site to-date have enabled the initiation of site characterization and risk evaluation at the subject site. When additional funding becomes available, the Department recommends further work, including a site characterization and risk assessment.

Redevelopment:

The facility is rented as an operating gas station. The owner is unable to pay for a site characterization and risk assessment.

Total Recovery Act Investment: \$ 6,222.79



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST4052, R7025
Glenn's Garage
Laddonia, MO
Group 25

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The site had been referred to the AGO's office, as a result of the associated court settlement the Department can no longer consider the current owner to be a viable responsible party associated with the petroleum based release at the site.

On April 6-9, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to SCS Engineers as contamination source removal activities were underway.

Source Material and Tank Removal:

Approximately (401 cubic yards) _____ tons of contaminated soil was disposed.

Tank 1, 3, and 4, 550-gallon tanks

Tank 2 and 5, 850-gallon tanks

Tank 6 and 7, 10,000-gallon tanks

Tank 8 discovered but not removed

Product Removal:

15,800 gallons of wastewater
781 lbs of hazardous sludge
800 lbs on non-hazardous material
150 gallons of diesel were recycled

Media Issues:
Soil and groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the most of the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends an additional site characterization, additional contamination source removal, and risk assessment.

Redevelopment:
The site is currently vacant. The Department is unaware of any plans for redevelopment of the property.

Total Recovery Act Investment: \$95,241.44





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5016806, R7786
Hayes Grocery
Bakersfield, MO
Group 40

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 18, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information from the city that contamination was discovered during utility upgrades. The Department's Environmental Services Program confirmed contamination in a 2006 sampling event. The current owner is not considered a responsible party associated with the petroleum release.

On March 11, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that a release likely did not occur from the suspected former UST pit however further investigation into the dispensers and ASTs on site should be conducted.

Source Material and Tank Removal:

No contaminated soil was excavated or disposed.

Media Issues:

Soil and ground water

The ARRA associated activities conducted at the site to-date have not enabled the Department to confirm that the release originated from a former UST pit. When additional funding becomes available, the Department recommends additional activities to determine the source of contamination, additional site characterization, and risk assessment activities.

Redevelopment:

This site is currently in use as an active gasoline station (using ASTs) and convenience store. The Department is unaware of any plans for redevelopment.

Total Recovery Act Investment: \$10,391.05





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST4402, R6112
Imperial Super Gas
Maryville, MO
Group 13

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with an August 21, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department has information verifying that the previous owner/operator of this tank is deceased. The current owner purchased the property in 2004 in a delinquent tax sale through the county, and never operated the tanks.

Representatives of the Department's Tanks Section were present March 24, 2010, in order to provide guidance and oversight to SCI Engineering as contamination source removal activities were underway.

Source Material and Tank Removal:
Approximately 1593 tons of contaminated soil was disposed.
Tanks were previously removed in 1998 and 2000.

Product Removal: Not applicable

Media issues:
Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to remove most of the soil contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends the need for additional site characterization and risk assessment at this site.

Redevelopment:
Property had already been redeveloped into a self storage facility.

MO PSTIF Eligibility: This site is eligible for PSTIF, and the deductible has been met.

Total Recovery Act Investment: \$ 153,849.00





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5015344, R8460
Industrial Blvd
Slater, MO
Group 51

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 17, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information, documenting an inability to pay for the UST investigation and cleanup.

On March 22, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. The results of the subsurface investigation indicate the need for additional site characterization, source removal, and risk assessment at the subject site.

Source Material and Tank Removal:
Not applicable

Media Issues:

Not applicable

When additional funding becomes available, the Department recommends additional site characterization, source removal, and risk assessment at the subject site.

Redevelopment:

The City of Slater has indicated an interest in redevelopment of the site.

Total Recovery Act Investment: \$16,189.92





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5777, R8446
Joe's Truck & Auto
St. Louis, MO
Group 35

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 1, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The site was considered for the ARRA project due to the current owner's interest in redevelopment of the property. The current owner is not considered a responsible party associated with the petroleum release

On March 9, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight Terracon Consultants Inc in their endeavor to collect subsurface environmental information at the site. Results of the ARRA project that has been conducted at the subject site indicate the need for additional site characterization and risk assessment activities.

Source Material and Tank Removal:
No contaminated soil was disposed.

Tank Removal:
Not applicable

Product Removal:
Not applicable

Media Issues:
Soil and groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends the need for additional site characterization and risk assessment activities.

Redevelopment:

The site is currently being used as an automotive repair shop. The Department is not aware of any plans for redevelopment of the property.

Total Recovery Act Investment: \$ 10,874.41





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST6877, R8418
John's Country Store
Washburn, MO
Group 15 & 58

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a December 16, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The site was considered for the ARRA project due to the current owner's interest in redevelopment of the property. The current owner is not considered a responsible party associated with the petroleum release.

On February 16, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that no unacceptable petroleum impacts were on site and that the temporarily closed tanks should be removed or permanently closed in place.

Source Material and Tank Removal:
Not applicable

In- place UST closure activities took place on June 30 and July 1, 2010.

Product Removal:

55 gallons of hazardous waste

Media Issues:

None

The ARRA associated activities conducted at the site to-date have enabled the Department to determine that petroleum based contamination does not pose an unacceptable risk to human health or the environment. A No Further Remedial Action Letter was issued on November 12, 2010.

Redevelopment:

The site is currently vacant. The Department is not aware of any potential plans for redevelopment of the property.

Total Recovery Act Investment: \$ 18,817.90





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST2098, R5780
Jones Mart #4 Vacant
Cameron, MO
Group 28 & 64

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a January 26, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The site was considered for the ARRA project due to the current owner's interest in redevelopment of the property. The current owner is not considered a responsible party associated with the petroleum release.

On February 24, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to an environmental consulting firm in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were not necessary although recommended the evaluation of the domestic use of groundwater.

SCI Engineering mobilized on the site on July 13, 2010 to close the tanks in-place. 110 gallons of sludge and rinsate were disposed.

Source Material and Tank Removal:

Tanks were cleaned and filled with inert material, no source or tank removal occurred.

Tanks 1 & 2, 8,000-gallon tanks

Tank 3, 4,000-gallon tank

Media Issues:

Groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to initiate site characterization at this facility. When additional funding becomes available, the Department recommends the need to conduct additional risk assessment at the subject site.

Redevelopment: The site is currently not in use, the Department is not aware of any plans for redevelopment of the property.

Total Recovery Act Investment: \$ 23,522.88





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST11206, R8453
Lee's Mart
Caruthersville, MO
Group 45 & 66

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 11, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information, documenting an inability to pay for the UST investigation and cleanup.

On April 7, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were not needed.

Aquaterra Environmental Solutions performed the in-place closure between July 19 and July 22, 2010.

Source Material and Tank Removal:

Not applicable

Product Removal:

22 gallons of petroleum and water residue

Media Issues:

None

The ARRA associated activities conducted at the site to-date have enabled the Department to determine that the tanks did not pose an unacceptable risk to human health or the environment. A No Further Remedial Action Letter should be issued once the Statement of Closure is received.

Redevelopment:

The Department is unaware of any redevelopment plans.

Total Recovery Act Investment: \$ 24,939.60





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST6273, R7028
Logsdon Store
St. Patrick, MO
Group 7

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a November 10, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously evaluated the owners' tax documentation, which documented an inability to pay for the UST investigation and cleanup.

On February 3, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to SCI Engineering Inc (SCI) in their endeavor to conduct contamination source removal activities. SCI returned to the site on April 7, 2010 for further source removal activities. Analysis determined that contamination remaining within the soils at the site, exceed the Department's established default target levels but do not exceed the Department's risk based target levels associated with residential land use and MRBCA soil type 1. It is recommended that a risk evaluation be conducted regarding the remaining soil contamination at the

subject site, and that the discussed risk assessment should include a groundwater use evaluation/determination.

Source Material and Tank Removal:

Approximately 84 tons of contaminated soils were disposed.
500-gallon tank

Product Removal:

220 gallons of petroleum tainted water and sludge disposed of as hazardous waste

Minimal soil contamination remains.

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the source of contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends the need to evaluate the extent of contamination and perform risk assessment activities.

Redevelopment:

Site is currently a residence. The Department is unaware of any future plans to change the use of the property.

Total Recovery Act Investment: \$ 26,547.38





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST3479, R8329
Former MK&O Coach Lines
1428 North 13th Street
St. Louis, MO
Group 16

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project will help remove those barriers, at a number of contaminated sites. This project will be a positive step towards providing economic stimulus to the consultants doing tanks work, subcontractors, creation of jobs, maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

Information in the Department's files indicated that this site formerly contained one 8,000 gallon diesel UST. The Department became aware of this site and inquired of the owners about participation in the Tanks ARRA project, to which the owners agreed. The current owner is not considered a responsible party associated with the petroleum release. The site is currently being used as a Domino's Pizza Carry Out facility.

On February 9, 2010, Terracon, under the supervision of the Missouri Department of Natural Resources', began investigation work at the former underground storage tank (UST) site at Former MK&O Coach Lines, 1428 North 13th Street, St. Louis, MO.

The objective of the project was to determine if any contamination was present at the site, and if so, where there any risks to the current use of the property as non-residential. The investigation work consisted of the advancement of several soils borings, and soil and groundwater sampling.

Source Material and Tank Removal:

Not applicable

Product Removal:
Not applicable

Media Issues:
None

The analytical data collected indicated that soil and groundwater petroleum contamination did not pose an unacceptable risk to human health and the environment and is available for residential or non-residential use. The Department has issued a no further remedial action letter for this cleanup project.

Redevelopment:
Site is currently being used by Domino's Pizza. The Department is unaware of any plans for redevelopment of the property.

MO PSTIF Eligibility: This site is eligible for PSTIF, however, the facility has already received a No Further Action letter.

Total Recovery Act Investment: \$7,032.41





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST4425, R7964
Maysville Amoco
Maysville, MO
Group 24

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a January 22, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. A site assessment from the Environmental Service Program had previously been conducted. This site assessment verified significant contamination was encountered in groundwater. The site was considered for the ARRA project due to the current owner's interest in redevelopment of the property. The current owner is not considered a responsible party associated with the petroleum release.

On March 22-25, 2010, representatives of the Department's Tanks Section were present in order to provide guidance and oversight to Aquaterra Environmental Solutions as contamination source removal activities were underway.

Source Material and Tank Removal:
Approximately 342 tons of contaminated soil was disposed.
No Tank removal

Product Removal:
Not applicable

Media Issues:
Soil and groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the contamination that posed an unacceptable risk to human health or the environment. Based on the soil sample results, it appears that contamination remains in the soil. When additional funding becomes available, the Department recommends the need to conduct additional site characterization and groundwater investigation and prepare a risk assessment.

Redevelopment:

The site is currently being used as an automotive repair shop. The Department is unaware of any potential plans for redevelopment of the property.

Total Recovery Act Investment: \$28,915.00





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST5800040, R5338
McDaniel's Service
Lamar, MO
Group ESP

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with an August 21, 2009 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The tank was found by city services and the owner and operators of the tank are deceased. Because there was no responsible party, the tanks were considered for the ARRA project.

On March 9, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight the Department's Environmental Services Program in their endeavor to collect subsurface environmental information at the site.

Based upon the findings of the environmental investigation of the property the Department determined that contamination is on site and the need for additional site characterization and risk assessment is necessary.

Source Material and Tank Removal:

Not applicable

Media Issues:

Soil and Groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to determine that contamination exists. When additional funding becomes available, the Department recommends the need to conduct additional site characterization, conduct contamination source removal including UST removal if necessary and conduct an assessment of the risks at the site.

Redevelopment:

The site will remain an auto repair shop.

MO PSTIF Eligibility: This site is eligible for PSTIF, however, the deductible has only been partially met.

Total Recovery Act Investment: \$ 8,090.44





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST10840, R2014
Merle Sharp Station
Marshall, MO
Group 3 and 23

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

On August 21, 2009 the Department contacted the current owner of the property regarding the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The site was considered for the ARRA project due to the current owner's interest in redevelopment of the property. The current owner is not considered a responsible party associated with the petroleum release

On February 2, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed. Representatives of the Department's Tanks Section were present March 8-15, 2010, in order to provide guidance and oversight to another environmental consulting firm as contamination source removal activities were underway. Approximately 3,461 tons of petroleum

impacted soil was transferred to the landfill. Three previously closed in place tanks were located, two were removed and one remains under the building.

Source Material and Tank Removal:

Approximately 3,461 tons of contaminated soil was disposed.

3 previously closed in place tanks were encountered and contained sand

Tank 1 500-gallon tank remained in the ground due to it's location under the foundation

Tank 2 1,000-gallon tank

Tank 3 1,000-gallon tank

Product Removal:

Not applicable

Media Issues:

Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends the need conduct additional site characterization and risk assessment at the subject site.

Redevelopment:

The site is currently being used by Larry's Detail Service (an automotive detailing service), and a U-Haul equipment rental. According to the owner, no change in property use is planned in the near future. The owner has indicated to the Department that discussions regarding the sale and redevelopment of the property have been hampered by the real and potential risks posed by the contamination that has been documented to exist at the subject site.

MO PSTIF Eligibility: This site is eligible for PSTIF and the deductible has been met.

Total Recovery Act Investment: \$257,628.39





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST4432, R7403
Miller's Service Station
McGirk, MO
Group 12

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

In December 2003, the Northeast Regional Office conducted an UST inspection and determined that there were tanks that contained water. The facility was not in use and the owner had declared bankruptcy years prior. Without a viable owner, the Division of Geology and Land Survey conducted soil and water sampling at the site in 2004. The results determined that the soils met the Tier 1 non-residential risk based target levels for soil but not for water and that the ground water plume should be delineated. The facility was considered for the ARRA project because no responsible party existed.

On November 10, 2009 the Department contacted the current owner of the property regarding the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites.

On March 31 – April 1, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Midwest Environmental Consultants, as contamination source removal activities were underway. Four USTs were removed, along with the pump islands and associated piping. The 583 tons of contaminated, excavated back fill and soil were hauled off site.

Source Material and Tank Removal:

Approximately 583 tons of contaminated soil was disposed.

Tank 1 1,000-gallon tank

Tank 2 1,000-gallon tank

Tank 3 2,000-gallon tank

Tank 4 4,000-gallon tank

Product Removal:

4,980 gallons of waste water

110 gallons of hazardous waste

Media Issues:

Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the contamination source that posed an unacceptable risk to human health or the environment. Concentrations of petroleum-based contamination remain at the subject site, which exceed the Department's established default target levels. When additional funding becomes available, the Department recommends the need to conduct additional site characterization and risk assessment activities at the site.

Redevelopment:

Site is currently being used as a metal crafting workshop. The Department is unaware of any plans for redevelopment of the property.

Total Recovery Act Investment: \$ 64,875.76





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST13175, R1756
R.C. Enterprise
St. Louis, MO
Group 37

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 10, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. Results associated with a 2001 sampling event conducted by the Department's Environmental Services Program had indicated that excessive contamination existed on this site which had no viable responsible party. The five USTs were removed in 1990.

On March 10-12 and March 16, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Aquaterra Consultants in their endeavor to conduct contamination source removal activities.

Source Material and Tank Removal:

Approximately 2107 tons of contaminated soil was disposed.
No tanks removed

Product Removal:

18,401 gallons of pit water
646 gallons of petroleum sludge (from the storage tank walls)

Media Issues:
Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends the need for additional site characterization and risk assessment.

Redevelopment:
This site is currently vacant, redevelopment of the site is likely.

Total Recovery Act Investment: \$ 405,511.56





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST3099, R7598
St. Joseph Home
St. Charles, MO
Group - ESP Site

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property in August 2009 informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The facility was considered for the ARRA project because the source of contamination could not be determined.

On February 22, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Environmental Services Program in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination may have migrated from the neighboring Gilbert O. Boenker site.

Media Issues:
More review is needed.

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends a groundwater investigation in the study area and a risk assessment in order to confirm if the contamination had migrated on site.

Redevelopment:

Additional construction at the senior living center is planned.

MO PSTIF Eligibility: This site is eligible for PSTIF, however, the deductible has only been partially met.

Total Recovery Act Investment: \$ 448.06

American Recovery and Reinvestment Act
Underground Storage Tank Project

ST8561, R7937
Star One Stop
Union Star, MO
Group 13

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

On October 9, 2009 the Department contacted the current owner of the property regarding the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites.

The site was considered for the ARRA project due to the current owner's interest in redevelopment of the property. The current owner is not considered a responsible party associated with the petroleum release.

In 2005, a release file was opened. The submitted Phase I and II reports reveal chemicals of concern present in the soil and groundwater, above the default target levels.

On March 10 - 18, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to an environmental consulting for contamination source removal activities. A total of five USTs were encountered and removed with associated product piping and dispensers.

Petroleum impacted soil was transferred to the landfill. Over-excavation of soil in the vicinity of the former USTs was conducted to depth between 18 and 21 feet below grade. The analytical results showed contamination for benzene, lead, and TPH-GRO above the Department's RBTLS. Recommended action for this site includes additional soil and groundwater investigation.

Source Material and Tank Removal:

Approximately 1,606 tons of contaminated soil was disposed.

Tank 1 800-gallon tank
Tank 2 2,000-gallon tank
Tank 3 3,000-gallon tank
Tank 4 800-gallon tank
Tank 5 50-gallon tank

Product Removal:

1,920 gallons of waste water
55 gallons disposed of as solid waste

Media Issues:

Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends the need to continue site characterization and risk assessment activities at the site.

Redevelopment:

The property is currently being used by a wedding chapel and reception hall. The Department is unaware of any plans for redevelopment of the property.

Total Recovery Act Investment: \$ 146,737.55





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST246, R2009
The Standard Station
Carrollton, MO
Group 3 and 23

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The site was considered for the ARRA project due to the current owner's interest in redevelopment of the property and because owner/operator of the facility is deceased. The current owner is not considered a responsible party associated with the petroleum release.

Samples collected by the Environmental Services Program (ESP) in May 2001 determined extensive contamination. Benzene was above default target levels in the soil and groundwater.

The USTs were removed in 1995 however a closure report was not submitted. Letters were sent to the current owner/non operator and the previous owner/operator but responses were not received.

On February 4, 2010, staff representing the Department's Tanks Section was present in order to provide guidance and oversight to Terracon in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities were needed. A representative of the

Department's Tanks Section was present on March 17, 2010, in order to provide guidance and oversight to Environmental Works Inc as contamination source removal activities were underway.

Source Material and Tank Removal:

Approximately 1038 tons of contaminated soil was disposed.

No tank removal

Product Removal:

5,000 gallons of waste water was disposed of through the POTW

Media Issues:

Both soil and groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the contamination that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends the need to conduct additional site characterization and perform risk assessment activities at the site.

The former station building is utilized for storage by the owner.

Total Recovery Act Investment: \$115,577.87







American Recovery and Reinvestment Act
Underground Storage Tank Project

ST11375, R7026
Tipton Amoco
Tipton, MO
Group 12

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

On November 10, 2009 the Department contacted the current owner of the property regarding the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. In 2009 the owner provided financial statements and the Department was able to verify the owner's claim of inability to pay.

On March 29-30, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Midwest Environmental Consultants as contamination source removal activities were underway. Three tanks, the dispensers and associated piping were removed along with contaminated backfill and transported off-site.

Source Material and Tank Removal:
Approximately 446 tons of contaminated soil was disposed.

Tank 1 8,000-gallon tank

Tank 2 8,000-gallon tank
Tank 3 3,000-gallon tank

Product Removal:
14,980 gallons of waste water
110 gallons of hazardous waste

Media Issues:
Groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to remove the contamination source that posed an unacceptable risk to human health or the environment. When additional funding becomes available, the Department recommends the need to conduct additional site characterization and risk assessment at the site.

The subject site will remain a strip mall.

Total Recovery Act Investment: \$ 82,193.12







American Recovery and Reinvestment Act
Underground Storage Tank Project

ST4587, R2666
Turner's Grocery & Feed
Naylor, MO
Group 59

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 11, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The current owner is not considered a responsible party associated with the petroleum release.

On June 29, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site.

Based upon the findings of the environmental investigation of the property the Department determined that contamination exists in the vicinity of the fuel dispensers and not in the UST pit.

Media Issues:
Soil

The ARRA associated activities conducted at the site to-date have enabled the Department to initiate site characterization at the site. When additional funding becomes available, the Department recommends the need for additional site characterization and subsequent risk assessment.

The property will remain a convenience and feed store.

Total Recovery Act Investment: \$ 5,527.77



American Recovery and Reinvestment Act
Underground Storage Tank Project

ST928, R8462
Will's Automotive Machine Shop
Poplar Bluff, MO
Group 54

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 19, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information, documenting an inability to pay for the UST investigation and cleanup.

On April 8, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site.

Media Issues:
Soil and groundwater

The ARRA associated activities conducted at the site to-date have enabled the Department to investigate the site. A domestic groundwater use analysis was provided and the site was considered not complete. Further groundwater sampling shows contamination of MTBE above default target levels.

When additional funding becomes available, the Department recommends removal of the USTs and excavation of contamination, additional site characterization, and the performance risk assessment activities.

Redevelopment: No plans for redevelopment are known at this time.

Total Recovery Act Investment: \$ 16,554.66





American Recovery and Reinvestment Act
Underground Storage Tank Project

ST17930, R8458
Zippy Lube
Park Hills, MO
Group 49

Recovery Overview:

The Missouri Department of Natural Resources received \$3.254 million from the Environmental Protection Agency to assess and clean up contamination released from federally regulated underground storage tanks (UST's). This money was received as part of the American Recovery and Reinvestment Act (ARRA) of 2009.

Abandoned underground storage tanks (USTs) pose environmental threats and economic development barriers to redevelopment and reuse of properties. This project is helping to remove those barriers, at a number of contaminated sites. This project is a positive step towards providing economic stimulus to the consultants and subcontractors doing tanks work, creating and maintaining jobs, expanding existing businesses, creating new businesses, and clearing the way for communities in Missouri to redevelop and reuse these properties in a productive manner.

Project Background:

The Department contacted the current owner of the property with a February 16, 2010 letter informing them of the availability of ARRA funds for addressing potential petroleum based contamination at abandoned underground petroleum storage tank sites. The Department had previously received information, documenting an inability to pay for the UST investigation and cleanup.

On March 25, 2010, staff representing the Department's Tanks Section were present in order to provide guidance and oversight to Terracon Consultants in their endeavor to collect subsurface environmental information at the site. Based upon the findings of the environmental investigation of the property the Department determined that contamination source removal activities are needed.

Source Material and Tank Removal:
Not applicable

Media Issues:
Soil and ground water

The ARRA associated activities conducted at the site to-date have enabled the Department to review the site. When additional funding becomes available, the Department recommends tank removal/source removal, additional site characterization, and risk assessment at the site.

Redevelopment:

The site is currently in use as a Zippy Lube, the Department is unaware of any plans for redevelopment of the property.

Total Recovery Act Investment: \$ 12,299.36





ARRA LUST Site Ranks

FACILITYID	REMID	NAME	ADDRESS	CITY	RANK
ST0013175	R001756	R.C. ENTERPRISE	4900 DR MARTIN LUTHER KING DR	ST LOUIS	47
ST0000246	R002009	THE STANDARD STATION	815 S MAIN	CARROLLTON	36
ST0010840	R002014	MERLE SHARP STATION	202 N LAFAYETTE	MARSHALL	48
ST0004587	R002666	TURNER'S GROCERY & FEED	RT 1 BOX 2245	NAYLOR	47
ST5800040	R005338	MCDANIEL'S SERVICE	705 E TWELFTH ST; HWY 160 AT J	LAMAR	44
ST0002098	R005780	JONES MART #4 VACANT	318 S WALNUT	CAMERON	46
ST0000950	R005884	AERO BODY & TRUCK EQUIP (TRI-STATE MOTOR TRANSIT CO)	E 7TH ST (7487, 8141)	DUENWEG	41
ST0004402	R006112	IMPERIAL SUPER GAS	1335 N MAIN	MARYVILLE	57
ST0004688	R006815	C & C BARGAIN CENTER	RT 2 BOX 219	NOEL	57
ST0004052	R007025	GLENN'S GARAGE	229 N PINE ST	LADDONIA	59
ST0011375	R007026	(FORMER) TIPTON AMOCO	HWY 50 W	TIPTON	57
ST0006273	R007028	LOGSDON STORE	HWY 81	ST PATRICK	56
ST0010619	R007041	CLARK OIL STORE #1888	3508 MORGANFORD RD	ST LOUIS	51
ST0005572	R007281	BOB'S AUTO SALES	2828 N FLORISSANT	ST LOUIS	16
ST0004432	R007403	MILLER'S SERVICE STATION	HIGHWAY 50 WEST OF PP 0.3 MILES	MCGIRK	55
ST5020133	R007416	BUJEWSKI PROPERTY	WEST HWY 86	RACINE	55
ST0021013	R007419	ABANDONED STATION	4415 MORGANFORD	ST LOUIS	16
ST0021014	R007420	ABANDONED SITE	2849 GOODFELLOW	ST LOUIS	51
ST0021794	R007598	723 1ST CAPITOL DR	723 1ST CAPITOL DR	ST CHARLES	41
ST0021222	R007720	WATER TREATMENT PLANT	HWY AA & HARRISON ST	MINER	69
ST0021244	R007765	ABANDONED SITE	5475 HWY FF	KINGDOM CITY	48
ST5016806	R007786	HAYES GROCERY	NW CORNER OF HWY 101 & WATER TOWER ST	BAKERSFIELD	65
ST0000877	R007787	BARTON SERVICE	109 N DESLOGE	DESLOGE	65
ST0004605	R007795	GAS & GROCERIES	17640 S HWY 59	NEOSHO	57
ST0008561	R007937	STAR ONE STOP	6TH & WALNUT	UNION STAR	33
ST0004425	R007964	MAYSVILLE AMOCO	119 E MAIN	MAYSVILLE	60
ST0012618	R008177	HIGH RIDGE SERVICE	2824 HIGH RIDGE BLVD	HIGH RIDGE	18
ST0005227	R008262	DISHMAN'S TEXACO	1211 KINGSHIGHWAY	ROLLA	60
ST5018164	R008304	FORMER UST SITE	4067 DELMAR	ST LOUIS	14
ST0021712	R008309	FORMER UST SITE	3969 SHAW	ST LOUIS	12
ST0021713	R008310	FORMER UST SITE	3400 N FLORISSANT	ST LOUIS	35
ST5015261	R008311	FORMER UST SITE	1425 SARAH DRIVE	ST LOUIS	20
ST0009714	R008313	SS 5206 W FLORISSANT	5206 W FLORISSANT	ST LOUIS	29
ST0008619	R008319	C & D SERVICE	370 VALLEY SCHOOL DR	VALLEY PARK	18
ST0013957	R008322	AAA REFRIGERATION & AIR COND INC	722 W 7TH ST	JOPLIN	24
ST0003479	R008329	MK&O COACH LINES	1428 N 13TH	ST LOUIS	25
ST0009453	R008339	VACANT	8344 WATSON RD	MARLBOROUGH	18
ST5016849	R008353	SKIP'S SERVICE CENTER & AUTO	8426 N BROADWAY	ST LOUIS	34
ST0005709	R008416	DENTON SS INC	2616 N FLORISSANT	ST LOUIS	12
ST0006877	R008418	JOHN'S COUNTRY STORE	213 W PINEVILLE	WASHBURN	48

ARRA LUST Site Ranks

FACILITYID	REMID	NAME	ADDRESS	CITY	RANK
ST0021757	R008428	ABANDONED UST SITE	7842 N BROADWAY	ST LOUIS	35
ST5017204	R008430	VACANT (BABER SERVICE)	14505 COUNTY ROAD E	CAMDEN POINT	49
ST0011291	R008432	ALBERT COOK GARAGE	W RAILROAD ST	ORAN	37
ST0021764	R008434	ABANDONED TANK	5547 DR MARTIN LUTHER KING DR	ST LOUIS	34
ST0005777	R008446	JOE'S TRUCK & AUTO	3315 GRAVOIS	ST LOUIS	24
ST0021587	R008447	ERVING BLUE	1039 TOWER GROVE AVE	ST LOUIS	18
ST0005808	R008448	ABERNATHY AUTOMOTIVE	1301 LEXINGTON	LAMAR	40
ST0010628	R008449	CLARK SERVICE STATION 0698-SOLD TO	1721 N UNION BLVD WILL SHAW	ST LOUIS	18
ST0021768	R008450	ABANDONED	2154 HARRIS AVE	ST LOUIS	18
ST0004895	R008451	DON MAYFIELD D/B/A O & F SERVICE	365 STATE ROAD O	PACIFIC	47
ST0011206	R008453	LEE'S MART	1301 WARD AVE	CARUTHERSVILLE	14
ST5017091	R008455	EXCLUSIVE CAR BEAUTY	3460 GRAVOIS	ST LOUIS	44
ST0001145	R008456	3 WAY	102 W MAIN	PARK HILLS	37
ST0021770	R008457	FORMER UST SITE	3002 N FLORISSANT	ST LOUIS	34
ST0017930	R008458	ZIPPY LUBE	10 E MAIN ST	PARK HILLS	24
ST5015345	R008459	COOP - VACANT	JEFFERSON & INDUSTRIAL BLVD	SLATER	40
ST5015344	R008460	VACANT	580 INDUSTRIAL BLVD	SLATER	37
ST0000928	R008462	WILL'S AUTOMOTIVE MACHINE SHOP	630 PARK AVE	POPLAR BLUFF	53
ST0021771	R008473	DEBBIE SIMPSON	21540 MILLWOOD RD	PURCELL	22
ST0021772	R008475	FORMER UST SITE	3955 MAGNOLIA AVENUE	ST LOUIS	19

**ARRA LUST Sites Status List
Tanks Section**

Facility Name	Facility Id	Rem Id	City	E or N*	Bid Group	Prev Bid Group	Category*	Vendor	*Bid Award or Invoice Amount (by Group)	LUST CA PSD	Final?	Scheduled Insp. Date (by Site)	Reporting Deadline Date
5206 N. Florissant/ SS 5217*	ST0009714	R008313	ST. LOUIS	N	1	-	2	Terracon Consultants, Inc.	\$ 10,838.00		Yes	1/19/2010	3/1/2010
3400 N. Florissant	ST0021713	R008310	ST. LOUIS	N							Yes	1/19/2010	3/1/2010
Abandoned (2849 Goodfellow)	ST0021014	R007420	ST. LOUIS	E	2	-	2	Terracon Consultants, Inc.	\$ 12,453.25		Yes	1/26/2010	3/1/2010
Skip's Service Center & Auto, 8426 N. Broadway	ST5016849	R008353	ST. LOUIS	N							Yes	1/26/2010	3/1/2010
The Standard Station	ST0000246	R002009	CARROLLTON	E	3	-	2	Terracon Consultants, Inc.	\$ 29,760.35		Yes	1/21/2010	3/1/2010
Merle Sharp Station	ST0010840	R002014	MARSHALL	E							Yes	1/15/2010	3/1/2010
ABANDONED STATION 109-110 DESLOGE	ST0000877	R007787	DESLOGE	E	4	-	1	Environmental Works, Inc.	\$ 99,412.39		Yes	1/25/2010	3/1/2010
C & D Service	ST0008619	R008319	VALLEY PARK	N	5	-	2	SCI Engineering, Inc.	\$ 6,994.55		Yes	2/1/2010	3/1/2010
Clark Oil Store #1888	ST0010619	R007041	ST. LOUIS	E	6	-	2	Aquaterra Environmental Solutions, Inc.	\$ 20,258.35		Yes	2/2/2010	3/1/2010
Abandoned Station - 4415 Morganford	ST0021013	R007419	ST. LOUIS	E							Yes	2/2/2010	3/1/2010
Logsdon Store	ST0006273	R007028	ST. PATRICK	E	7	-	1	SCI Engineering, Inc.	\$ 25,394.77		Yes	2/3/2010	3/1/2010
1425 N. Sarah	ST5015261	R008311	ST. LOUIS	N	8	-	2	SCI Engineering, Inc.	\$ 9,336.00		Yes	2/5/2010	3/1/2010
4067 Delmar	ST5018164	R008304	ST. LOUIS	N							Yes	1/25/2010	3/1/2010
3969 Shaw	ST0021712	R008309	ST. LOUIS	N	9	-	1	SCI Engineering, Inc.	\$ 37,579.69		Yes	4/1/2010	4/15/2010
Dishman's Texaco	ST0005227	R008262	ROLLA	N	10	-	2	Terracon Consultants, Inc.	\$ 10,562.00		Yes	2/10/2010	3/1/2010
7842 N Broadway	ST0021757	R008428	ST. LOUIS	N	11	-	1	SCI Engineering, Inc.	\$ 114,886.21	\$ 13,500.00	Yes	2/18/2010	3/1/2010
Miller's Service Station	ST0004432	R007403	MCGIRK	E	12	-	1	Midwest Environmental Consultants, Co.	\$ 146,155.50		Yes	3/15/2010	4/15/2010
Tipton Amoco	ST0011375	R007026	TIPTON	E							Yes	3/15/2010	4/15/2010
Imperial Super Gas	ST0004402	R006112	MARYVILLE	E	13	-	1	SCS Engineers	\$ 294,485.14		Yes	2/22/2010	4/15/2010
Star One Stop	ST0008561	R007937	UNION STAR	E							Yes	3/8/2010	4/15/2010
Abandoned Site	ST0021244	R007765	KINGDOM CITY	E	14	-	2	Terracon Consultants, Inc.	\$ 5,231.00		Yes	2/12/2010	3/1/2010
John's Country Store	ST0006877	R008418	WASHBURN	N	15	-	2	Terracon Consultants, Inc.	\$ 4,967.50		Yes	2/16/2010	3/1/2010
MK& O Coach Lines	ST0003479	R008329	ST. LOUIS	N	16	-	2	Terracon Consultants, Inc.	\$ 6,726.75		Yes	2/9/2010	3/1/2010
C & C Bargain Center	ST0004688	R006815	NOEL	E	17	-	1	SCS Engineers	\$ 13,749.56		Yes	2/22/2010	4/15/2010
Aero Body & Truck Equipment	ST0000950	R005884	JOPLIN	E	18	-	1	Aquaterra Environmental Solutions, Inc.	\$ 14,527.17		Yes	3/3/2010	4/15/2010
Former Gas & Groceries	ST0004605	R007795	NEOSHO	E	19	-	1	Midwest Environmental Consultants, Co.	\$ 80,390.94		Yes	3/8/2010	4/15/2010
Albert Cook Garage	ST0011291	R008432	ORAN	N	20	-	2	SCI Engineering, Inc.	\$ 4,364.00		Yes	2/15/2010	3/1/2010
VACANT (BABER SERVICE), HWY E	ST5017204	R008430	CAMDEN POINT	N	21	-	2	Aquaterra Environmental Solutions, Inc.	\$ 11,716.40		Yes	2/19/2010	3/1/2010
Your Corner Store	ST0001897	R008318	WEBB CITY	N	22	-	2	Aquaterra Environmental Solutions, Inc.	-		Yes		Canceled
Merle Sharp Station	ST0010840	R002014	MARSHALL	E	23	3	1	Environmental Works, Inc.	\$ 337,599.80		Yes	3/8/2010	4/15/2010
The Standard Station	ST0000246	R002009	CARROLLTON	E							Yes	3/10/2010	4/15/2010
Maysville Amoco	ST0004425	R007964	MAYSVILLE	E	24	-	1	Aquaterra Environmental Solutions, Inc.	\$ 27,146.11		Yes	3/8/2010	4/15/2010
Glenn's Garage	ST0004052	R007025	LADDONIA	E	25	ESP	1	SCS Engineers	\$ 90,051.68		Yes	4/6/2010	4/15/2010
5206 N. Florissant/ SS 5217*	ST0009714	R008313	ST. LOUIS	N	27	-	2	Aquaterra Environmental Solutions, Inc.	\$ 139,863.21		Yes	3/22/2010	4/15/2010
3400 N. Florissant	ST0021713	R008310	ST. LOUIS	N							Yes	3/22/2010	4/15/2010
AAA REFRIGERATION & AIR COND INC	ST0013957	R008322	JOPLIN	N	27	-	2	Aquaterra Environmental Solutions, Inc.	\$ 5,810.00		Yes	2/20/2010	3/1/2010
Jones Mart #4 Vacant	ST0002098	R005780	CAMERON	E	28	-	2	Aquaterra Environmental Solutions, Inc.	\$ 5,627.00		Yes	2/24/2010	3/1/2010
Abandoned (2849 Goodfellow)	ST0021014	R007420	ST. LOUIS	E	29	2	1	Midwest Environmental Consultants, Co.	\$ 175,823.41		Yes	3/1/2010	3/16/2010
Skip's Service Center & Auto, 8426 N. Broadway	ST5016849	R008353	ST. LOUIS	N							Yes	3/3/2010	3/16/2010
C & D Service	ST0008619	R008319	VALLEY PARK	N	30	5	1	SCI Engineering, Inc.	\$ 53,140.18		Yes	3/4/2010	3/16/2010
Clark Oil Store #1888	ST0010619	R007041	ST. LOUIS	E	31	6	1	Midwest Environmental Consultants, Co.	\$ 219,121.93		Yes	3/8/2010	3/16/2010
Former UST Site- 1425 Sarah Dr.	ST5015261	R008311	ST. LOUIS	N	32	8	1	Midwest Environmental Consultants, Co.	\$ 113,637.91		Yes	3/8/2010	3/16/2010
Vacant (8344 Watson Rd)	ST0009453	R008339	WEBSTER GROVE	N	33	-	2	Terracon Consultants, Inc.	\$ 11,092.00		Yes	3/5/2010	3/16/2010
Denton Service Station Inc.	ST0005709	R008416	ST. LOUIS	N	34	-	2	Terracon Consultants, Inc.	\$ 10,900.75		Yes	3/2/2010	3/16/2010
Joes truck & Auto (3315 Gravois)	ST0005777	R008446	ST. LOUIS	N	35	-	2	Terracon Consultants, Inc.	\$ 10,681.95		Yes	3/8/2010	3/16/2010
Albert Cook Garage	ST0011291	R008432	ORAN	N	36	20	1	Aquaterra Environmental Solutions, Inc.	\$ 16,649.12		Yes	3/15/2010	3/16/2010
R.C. Enterprise	ST0013175	R001756	ST. LOUIS	E	37	-	1	Aquaterra Environmental Solutions, Inc.	\$ 403,938.97		Yes	3/10/2010	3/16/2010
Bob's Auto Sales	ST0005572	R007281	ST. LOUIS	E	38	-	2	Terracon Consultants, Inc.	\$ 6,119.00		Yes	3/10/2010	4/15/2010
Former Erving Blue	ST0021587	R008447	ST. LOUIS	N	39	-	2	Terracon Consultants, Inc.	\$ 5,135.00		Yes	3/11/2010	4/15/2010
Hayes Grocery	ST5016806	R007786	BAKERSFIELD	E	40	-	2	Terracon Consultants, Inc.	\$ 10,005.00		Yes	3/11/2010	4/15/2010
Abernathy Automotive	ST0005808	R008448	LAMAR	N	41	-	2	Terracon Consultants, Inc.	\$ 6,338.60		Yes	3/16/2010	4/15/2010

**ARRA LUST Sites Status List
Tanks Section**

Facility Name	Facility Id	Rem Id	City	E or N*	Bid Group	Prev Bid Group	Category*	Vendor	*Bid Award or Invoice Amount (by Group)	LUST CA PSD	Final?	Scheduled Insp. Date (by Site)	Reporting Deadline Date
Former Clark Service Station	ST0010628	R008449	ST. LOUIS	N	42	-	2	Terracon Consultants, Inc.	\$ 13,562.50		Yes	3/18/2010	4/15/2010
AAA Refrigeration & Air Conditioning	ST0013957	R008322	JOPLIN	N	43	27	1	Aquaterra Environmental Solutions, Inc.	\$ 47,275.08		Yes	3/30/2010	4/30/2010
Marlyn Mayfield	ST0004895	R008451	PACIFIC	N	44	-	2	Terracon Consultants, Inc.	\$ 6,055.00		Yes	3/29/2010	4/30/2010
Lee's Mart	ST0011206	R008453	CARUTHERSVILLE	N	45	-	2	Terracon Consultants, Inc.	\$ 8,150.00		Yes	4/7/2010	4/30/2010
Dishman's Texaco	ST0005227	R008262	ROLLA	N	46	10	1	Professional Environmental Engineers	\$ 91,880.76		Yes	3/22/2010	4/30/2010
High Ridge Service	ST0012618	R008177	HIGH RIDGE	E	47	-	2	Terracon Consultants, Inc.	\$ 10,556.75		Yes	3/30/2010	4/30/2010
Exclusive Car Beauty	ST5017091	R008455	ST. LOUIS	N	48	-	2	Terracon Consultants, Inc.	\$ 12,262.00		Yes	4/1/2010	4/30/2010
102 W Main	ST0001145	R008456	PARK HILLS	N	49	-	2	Terracon Consultants, Inc.	\$ 23,234.13	\$ 639.62	Yes	3/24/2010	4/20/2010
Zippy Lube	ST0017930	R008458	PARK HILLS	N							Yes	3/25/2010	4/20/2010
Abandoned Station - 4415 Morganford	ST0021013	R007419	ST. LOUIS	E	50	6	1	SCI Engineering, Inc.	\$ 21,217.58		Yes	4/1/2010	5/15/2010
Industrial Blvd	ST5015344	R008460	SLATER	N	51	-	2	Terracon Consultants, Inc.	\$ 25,586.50		Yes	3/15/2010	5/7/2010
COOP- Vacant	ST5015345	R008459	SLATER	N							Yes	3/22/2010	5/7/2010
2154 Harris Ave	ST0021768	R008450	ST. LOUIS	N	52	-	2	Terracon Consultants, Inc.	\$ 6,982.75		Yes	4/5/2010	5/7/2010
3002 N. Florissant	ST0021770	R008457	ST. LOUIS	N	53	-	2	Terracon Consultants, Inc.	\$ 6,917.00		Yes	4/6/2010	5/7/2010
Will's Automotive Machine Shop	ST0000928	R008462	POPLAR BLUFF	N	54	-	2	Terracon Consultants, Inc.	\$ 12,037.00		Yes	4/9/2010	5/7/2010
VACANT (BABER SERVICE), HWY E	ST5017204	R008430	CAMDEN POINT	N	55	21	1	SCS Engineers	\$ 37,339.37		Yes	7/12/2010	6/1/2010
5547 Dr. Martin Luther King Dr.	ST0021764	R008434	ST. LOUIS	N	56	-	2	Terracon Consultants, Inc.	\$ 500.00		Canceled	4/19/2010	6/1/2010
Homefeldt Oil Co	ST0004878	R007662	OWENSVILLE	E	57	-	1	SCI Engineering, Inc.		\$ 823.50			
John's Country Store	ST0006877	R008418	WASHBURN	N	58	15	1	Aquaterra Environmental Solutions, Inc.	\$ 13,280.00		Yes		6/1/2010
Buds Grocery and Feed	ST0004587	R002666	NAYLOR	E	59	-	2	Terracon Consultants, Inc.	\$ 5,060.00		Yes	6/29/2010	6/1/2010
Bunceton Services Center Inc	ST0013355	R007784	BUNCETON	E	60	-	1	SCS Engineers		\$ 1,090.00			
3955 Magnolia	ST0021772	R008475	ST. LOUIS	N	61	-	2	Terracon Consultants, Inc.	\$ 5,113.00		Yes	6/28/2010	6/1/2010
21540 Millwood Rd	ST0021771	R008473	PURCELL	N	62	-	2	Terracon Consultants, Inc.	\$ 7,140.75		Yes	4/13/2010	6/15/2010
7842 N Broadway	ST0021757	R008428	ST. LOUIS	N	63	11	2	Terracon Consultants, Inc.	\$ 12,616.00		Yes	4/23/2010	5/7/2010
Jones Mart #4 Vacant	ST0002098	R005780	CAMERON	E	64	28	1	SCI Engineering, Inc.	\$ 16,881.50		Yes	7/13/2010	7/30/2010
Abernathy Automotive	ST0005808	R008448	LAMAR	N	65	41	1	SCI Engineering, Inc.	\$ 18,179.50		Yes	8/2/2010	7/30/2010
Lee's Mart	ST0011206	R008453	CARUTHERSVILLE	N	66	45	1	Aquaterra Environmental Solutions, Inc.	\$ 16,229.00		Yes	7/14/2010	7/30/2010
Glenn's Garage	ST0004052	R007025	LADDONIA	E	ESP		2	N/A	N/A	N/A		11/24/2009	Complete
St. Joseph Home	ST0003099	R007598	ST. CHARLES	E	ESP		2	N/A	N/A	N/A		2/22/2010	Complete
McDaniel's Service	ST5800040	R005338	LAMAR	E	ESP		2	N/A	N/A	N/A		3/8/2010	Complete
Bejuski Property	ST5020133	R007416	RACINE	E	ESP		2	N/A	N/A	N/A		3/8/2010	Complete
Water Treatment Plant	ST0021222	R007720	MINER	E	DGLS		2	N/A	N/A	N/A		1/1/2010	Complete
Total									\$ 3,026,527.31	\$ 16,053.12			

*E or N- "Existing Remediation" or "New Remediation"

***Category Breakdown**

Category 1- Closure and Excavation

Category 2- Site Characterization

Category 3- Corrective Action

Category 4- Phase 1 Environmental Site Assessment

***Bid Award or Invoice Amount (by Group)**

Amounts that appear in **BOLD** have been increased from the original reported Bid Award amount.

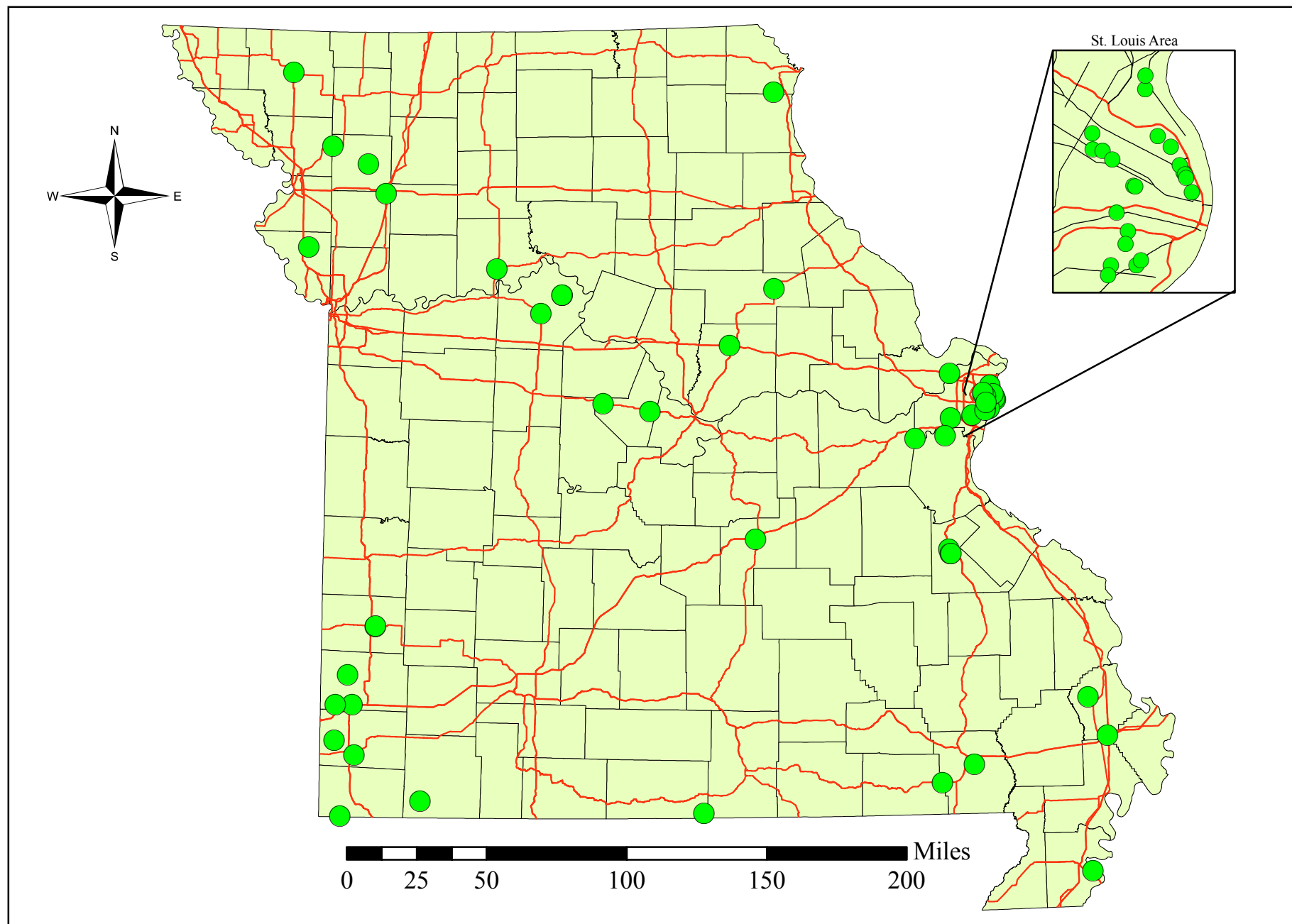
Actual costs were not originally accounted for (original amount can still be seen in formula bar).

Invoice amounts received are shown in GREEN text and have replaced the original amounts encumbered.

***Work is "On Hold" until further notice- Encumbrances have been liquidated**

American Recovery and Reinvestment Act of 2009

Missouri Leaking Underground Storage Tank Sites



Missouri Department of Natural Resources
Division of Environmental Quality
Hazardous Waste Program

Although data sets used to create this map have been compiled by the Missouri Department of Natural Resources, no warranty, expressed or implied, is made by the department as to the accuracy of the data and related materials. The act of distribution shall not constitute any such warranty, and no responsibility is assumed by the department in the use of these data or related materials.



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Missouri Department of Natural Resources
Hazardous Waste Program - Tanks Section
P.O. Box 176, Jefferson City, MO 65101
www.dnr.mo.gov/env/hwp/tanks/tanks.htm
800-361-4827